

Modified Form PTO-1449

Art. Docket No.

Serial No.

SYNE-225E

08/182,183

**LIST OF REFERENCES CITED BY APPLICANT**

(Use several sheets if necessary)

Applicant

Lin, et al.

Filing Date

May 23, 1994

Group

1812

**U.S. PATENT DOCUMENTS**

EXAMINER'S INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
K	AA	4,518,526	May 21, 1985	Kenneth C. Olson			
	AB	4,742,003	May 3, 1988	Dernyck, et al.			
	AC	4,886,747	Dec 12, 1989	Dernyck et al.			
	AD	4,892,538	Jan 9, 1990	Aebischer et al.			
	AE	5,011,472	Apr 30, 1991	Aebischer, et al.			
	AF	5,017,735	May 21, 1991	Fellmann et al.			
	AG	5,106,627	Apr 21, 1992	Aebischer et al.			
	AH	5,158,881	Oct 27, 1992	Aebischer, et al.			
	AI	5,215,969	Jun 1, 1993	Springer et al.			
	AJ	5,250,414	Oct 5, 1993	Schwab, et al.			
	AK	5,276,145	Jan 4, 1994	Jane E. Bottenstein			
	AL	5,283,187	Feb 1, 1994	Aebischer et al.			
V	AM	5,284,761	Feb 8, 1994	Aebischer, et al.			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO
K	BA	EP 233838 A2	Aug 26, 1987	EPO			
K	BB	WO 91/10470	July 25, 1991	PCT			

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

K	ca	Aebischer et al. (1991), 'Long-Term Cross-Species Brain Transplantation of a Polymer-Encapsulated Dopamine-Secreting Cell Line', <i>Exper. Neurol.</i> , 111:269-275.
	cb	Bakhit et al. (1991), 'Increase in glia-derived nerve growth factor following destruction of hippocampal neurons', <i>Brain Research</i> , 560:76-83.
	cc	Beltz et al. (1983), 'Isolation of Multigene Families and Determination of Homologies by Filter Hybridization Methods', <i>Methods in Enzymology</i> , 100:266-285.
	cd	Bohn et al. (1989), "THE DEVELOPMENT OF MESENCEPHALIC DOPAMINERGIC NEURONS IN VITRO IS AFFECTED BY NEUROTROPHIC ACTIVITIES DERIVED FROM NEURAL CELL LINES", <i>Soc. Neurosci. Abs.</i> , 15:277.
V	ce	Burt, David W. (1992), 'EVOLUTIONARY GROUPING OF THE TRANSFORMING GROWTH FACTOR-β SUPERFAMILY', <i>Biochemical and Biophysical Communications</i> , 184 (2):590-595.

EXAMINER:

KEN SØRENSEN

Date Considered:

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EXAMINER'S INITIALS

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

A	DA	Collins (1978), 'Axon Initiation by Ciliary Neurons in Culture', <i>Develop. Biol.</i> , <b>65</b> :50-57.
	DB	Creighton et al., in PROTEINS; STRUCTURES & MOLECULAR PROPERTIES (Freeman Co., NY), pp. 39-42, (1984).
	DC	Dayhoff, in Atlas of Protein Sequence and Structure Vol. 5, p. 124 (1972), National Biochemical Research Foundation, Washington, D.C.
	DD	Edgar et al. (1979), 'INDUCTION OF FIBRE OUTGROWTH AND CHOLINE ACETYLTRANSFERASE IN PC12 PHEOCHROMOCYTOMA CELLS BY CONDITIONED MEDIA FROM GLIAL CELLS AND ORGAN EXTRACTS', <i>Experimental Cell Research</i> , <b>121</b> :353-361.
	DE	Friedman et al. (1987), 'The toxicity of MPTP to dopamine neurons in culture is reduced at high concentrations', <i>Neuroscience Letters</i> , <b>79</b> :65-72.
	DF	Gentry et al. (1989), 'Expression and Processing of Recombinant Pre-Pro-Transforming Growth Factor Beta-1', <i>Growth Inhibitory and Cytotoxic Polypeptides</i> (Alan R. Liss, Inc.), 143-154.
	DG	Heikkila et al. (1984), 'BEHAVIORAL PROPERTIES OF GBR 12909, GBR 13069 AND GBR 13098: SPECIFIC INHIBITORS OF DOPAMINE UPTAKE', <i>Euro J. Pharmacol.</i> , <b>103</b> :241-248.
	DH	Hofer and Barde (1988), 'Brain-derived neurotrophic factor prevents neuronal death <i>in vivo</i> ', <i>Nature</i> , <b>331</b> :261.
	DI	Houlgatte et al. (1989), 'Secretion of Nerve Growth Factor in Cultures of Glial Cells and Neurons Derived From Different Regions of the Mouse Brain', <i>Journal of Neuroscience Research</i> , <b>24</b> :143-152.
	DJ	Kim et al. (1991), 'EXPRESSION OF BOVINE INHIBIN $\beta$ SUBUNIT IN <i>ESCHERICHIA COLI</i> ', <i>Int. J. Biochem.</i> , <b>23</b> (11):1307-1313.
	DK	Kozak (1987), 'An analysis of 5'-noncoding sequences from 699 vertebrate messenger RNAs', <i>Nucleic Acids Res.</i> , <b>15</b> :125-48.
	DL	Leibrock et al. (1989), 'Molecular cloning and expression of brain-derived neurotrophic factor', <i>Nature</i> , <b>341</b> :149-152.
	DM	Lin et al. (1989), 'Purification, Cloning, and Expression of Ciliary Neurotrophic Factor (CNTF)', <i>Science</i> , <b>246</b> :1023.
	DN	Lin et al. (1993), 'PURIFICATION OF GDNF; A GLIAL CELL LINE-DERIVED NEUROTROPHIC FACTOR FOR MIDBRAIN DOPAMINERGIC NEURONS', <i>Society for Neuroscience Abstracts</i> , <b>19</b> (1-3):651.
	DO	Lo et al. (1990), 'A STRIATAL-DERIVED NEUROTROPHIC FACTOR (NTF): RELATIONSHIP TO PARKINSON'S DISEASE (PD)', <i>Soc. Neurosci. Abstr.</i> , <b>16</b> :809.
	DP	Maisonpierre et al. (1990), 'Neurotrophin-3: A Neurotrophic Factor Related to NGF and BDNF', <i>Science</i> , <b>247</b> :1446-1451.
	DQ	Manthorpe et al. (1986), 'An Automated Colorimetric Microassay for Neuronotrophic Factors', <i>Develop. Brain Res.</i> , <b>25</b> :191-198.
	DR	Nijima et al. (1990), 'Enhanced survival of cultured dopamine neurons by treatment with soluble extracts from chemically deafferentiated striatum of adult rat brain', <i>Brain Res.</i> , <b>528</b> :151-154.
	DS	Norgren et al. (1980), 'RELEASE OF NERVE GROWTH FACTOR BY HUMAN GLIAL CELLS IN CULTURE', <i>Experimental Cell Research</i> , <b>130</b> :31-39.
↓	DT	Purchio et al. (1987), 'Synthesis of an active hybrid growth factor (GF) in bacteria: transforming GF- $\alpha$ /vaccinia GF fusion protein', <i>Gene</i> , <b>60</b> :175-182.

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*LEN SORENSEN*

Date Considered:

*20 May 94*

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		May 23, 1994	1812

EXAMINER'S INITIALS

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>kg</i>	EA	Schubert et al. (1974), 'Clonal cell lines from the rat central nervous system', <i>Nature</i> , 249:224-227.
	EB	Sofer et al. (1983), 'Designing an Optimal Chromatographic Purification Scheme for Proteins', <i>Biotechniques</i> , 1(4):198-203.
	EC	Thoenen and Edgar (1985), 'Neurotrophic Factors', <i>Science</i> , 229:238-242.
	ED	Tresco et al. (1992), 'Polymer Encapsulated Neurotransmitter Secreting Cells', <i>ASAIO</i> , 38:17-23.
	EE	Ullrich et al. (1983), 'Human $\beta$ -nerve growth factor gene sequence highly homologous to that of mouse', <i>Nature</i> , 303:821-825.
	EF	Varon and Bunge (1979), 'TROPHIC MECHANISMS IN THE PERIPHERAL NERVOUS SYSTEM', <i>Ann. Rev. Neuroscience</i> , 1:327-361.
<i>✓</i>	EG	Williams, et al. (1986), 'Continuous infusion of nerve growth factor prevents basal forebrain neuronal death after fimbria fornix transection', <i>Proc. Natl. Acad. Sci. USA</i> , 83:9231.
<i>✓</i>	EH	Winn et al. (1991), 'Behavioral Recovery following Intrastriatal Implantation of Microencapsulated PC12 Cells', <i>Exper. Neurol.</i> , 113:322-329.
<i>✓</i>	EI	
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Date Considered:

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